

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061898.D
 Acq On : 18 Jun 2020 14:26
 Operator : JC/MD
 Sample : L3011-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D1-20200612

Quant Time: Jun 19 05:57:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

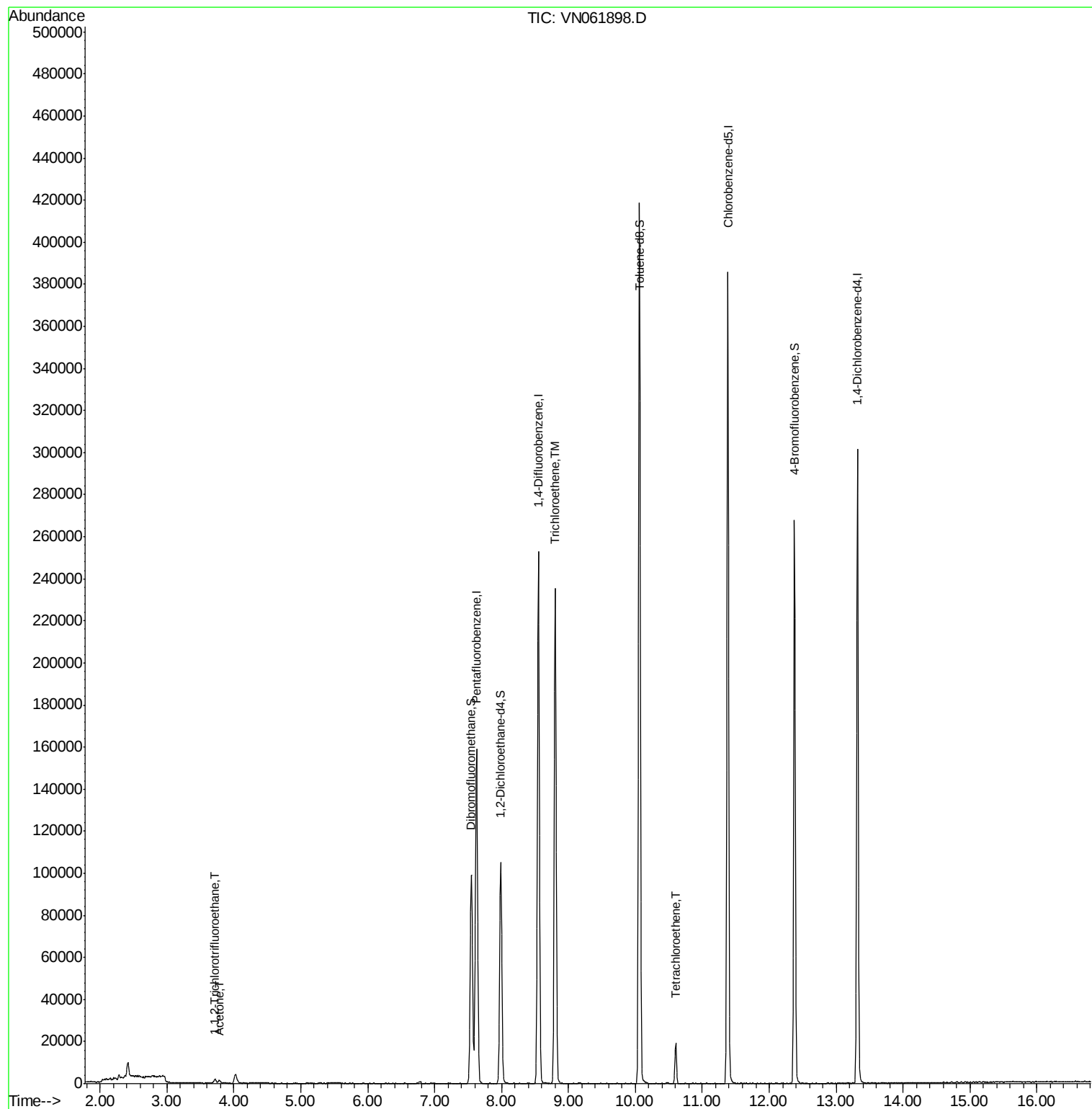
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	130429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	237525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	227565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83526	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	88255	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
35) Dibromofluoromethane	7.55	113	78602	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
50) Toluene-d8	10.06	98	297228	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.38	95	94415	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.72	101	1616	1.222	ug/l #	67
16) Acetone	3.78	43	2459	4.759	ug/l	90
44) Trichloroethene	8.80	130	87628	50.735	ug/l	100
64) Tetrachloroethene	10.60	164	4456	3.072	ug/l	95

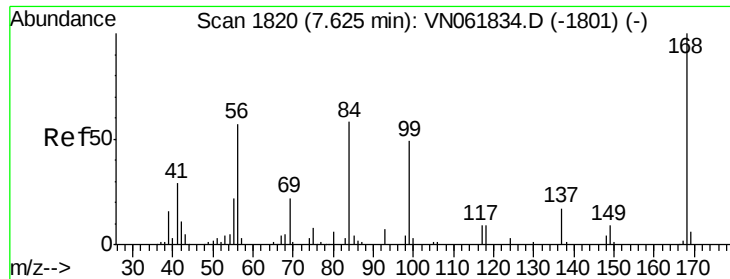
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061898.D

Acq: 18 Jun 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

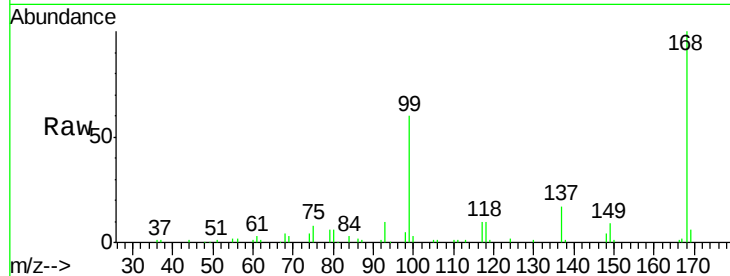
RE104D1-20200612

Tot Ion:168 Resp: 130429

Ion Ratio Lower Upper

168 100

99 59.9 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

60000

50000

40000

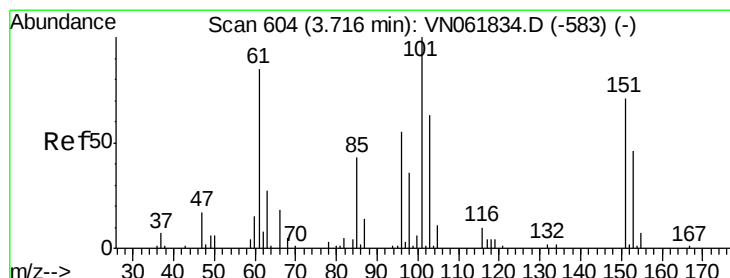
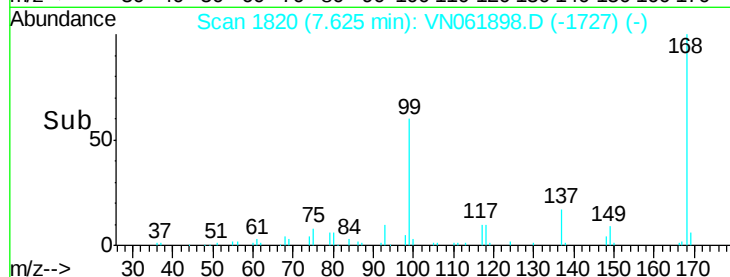
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.222 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061898.D

Acq: 18 Jun 2020 14:26

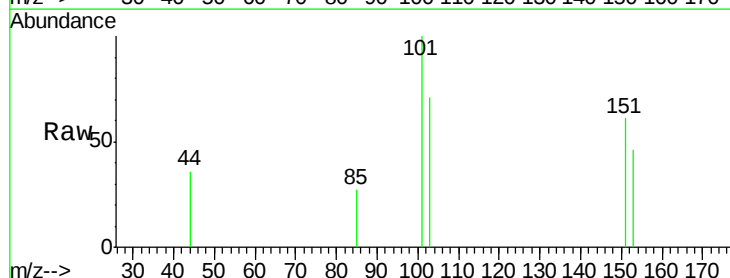
Tgt Ion:101 Resp: 1616

Ion Ratio Lower Upper

101 100

85 14.4 35.0 52.6#

151 52.0 59.2 88.8#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

3.72

800

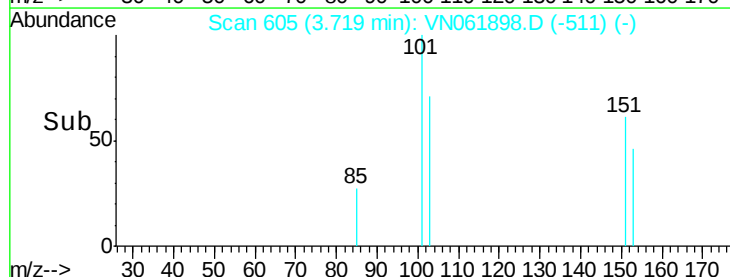
600

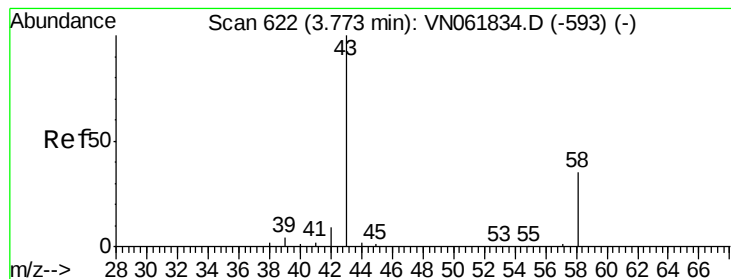
400

200

0

Time--> 3.65 3.70 3.75





#16

Acetone

Concen: 4.759 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN061898.D

Acq: 18 Jun 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

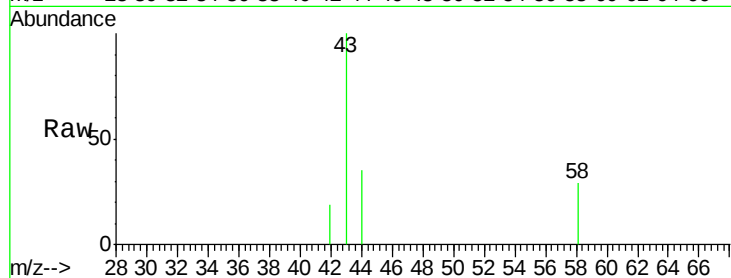
RE104D1-20200612

Tot Ion: 43 Resp: 2459

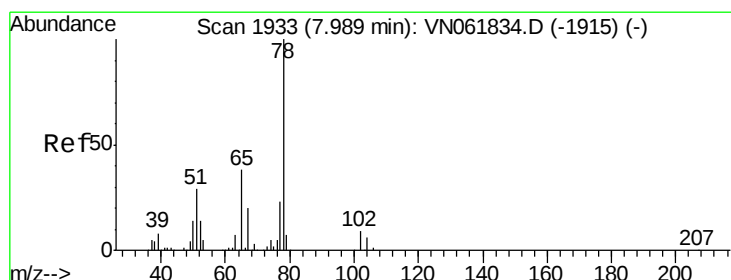
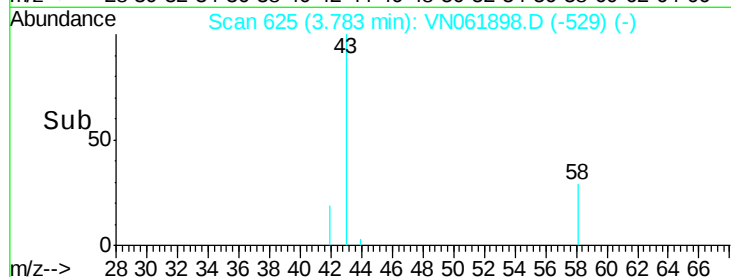
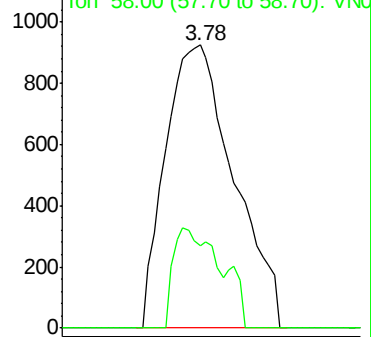
Ion Ratio Lower Upper

43 100

58 29.3 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-593) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.453 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061898.D

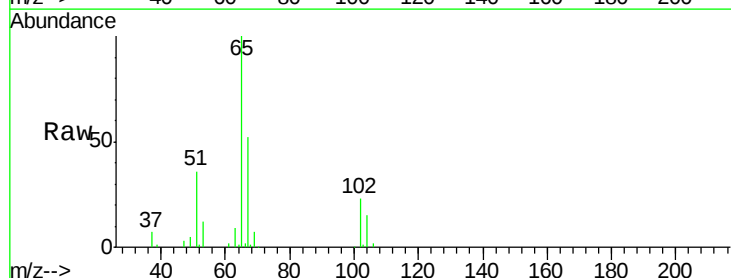
Acq: 18 Jun 2020 14:26

Tgt Ion: 65 Resp: 88255

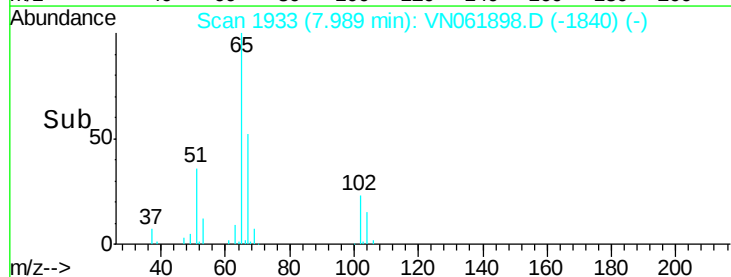
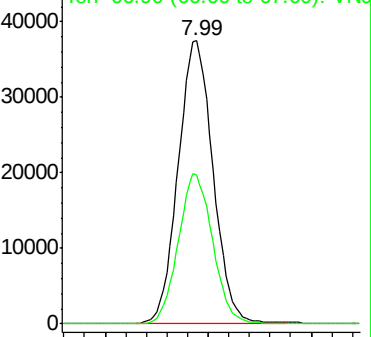
Ion Ratio Lower Upper

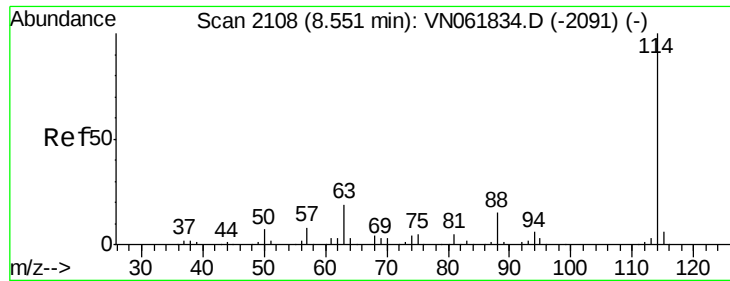
65 100

67 52.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN061834.D (-1915) (-)

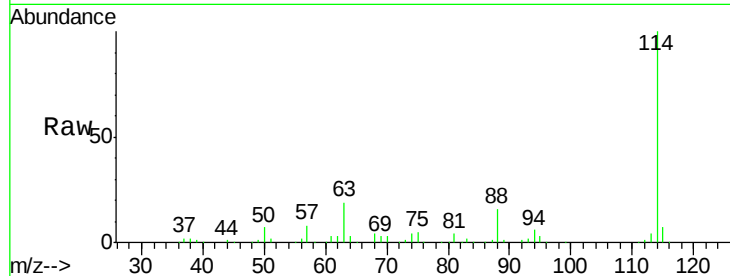




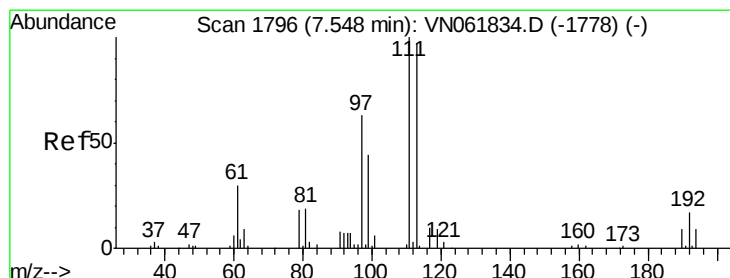
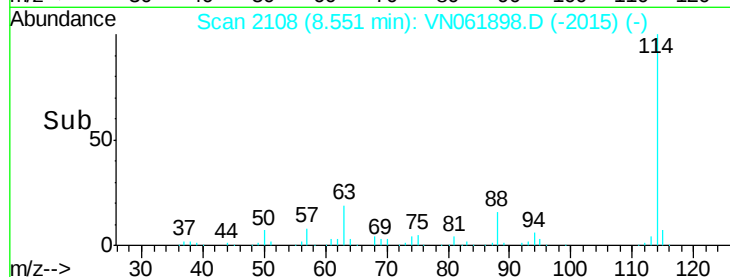
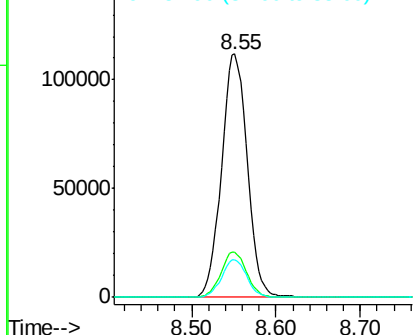
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN061898.D
Acq: 18 Jun 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
RE104D1-20200612

Tot Ion:114 Resp: 237525
Ion Ratio Lower Upper
114 100
63 18.7 0.0 37.6
88 15.5 0.0 31.0

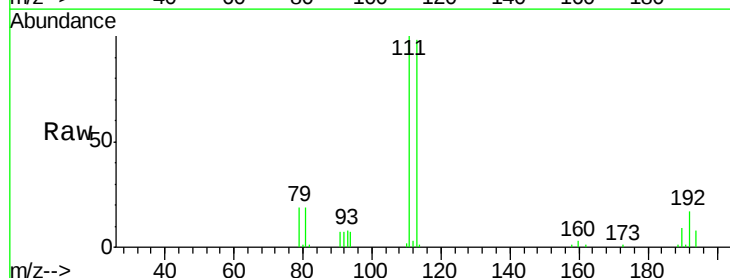


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

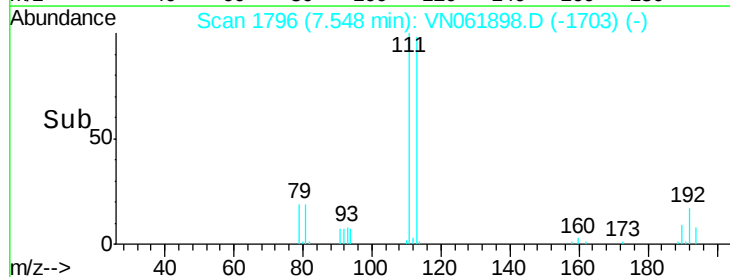
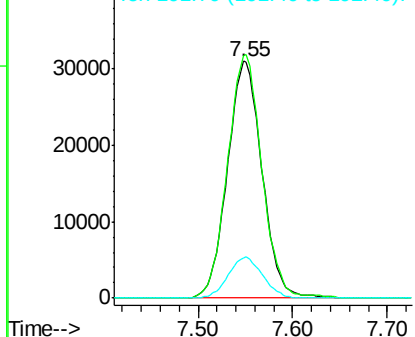


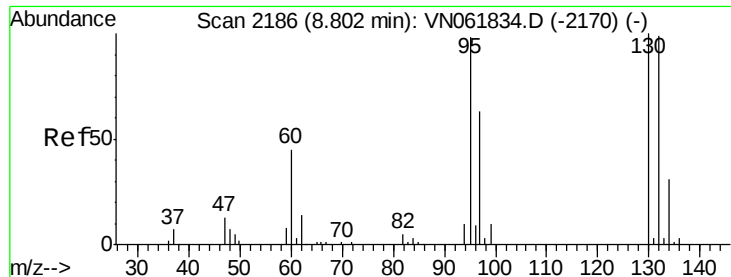
#35
Dibromofluoromethane
Concen: 51.727 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN061898.D
Acq: 18 Jun 2020 14:26

Tgt Ion:113 Resp: 78602
Ion Ratio Lower Upper
113 100
111 101.6 83.7 125.5
192 17.1 13.9 20.9



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 50.735 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061898.D

Acq: 18 Jun 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

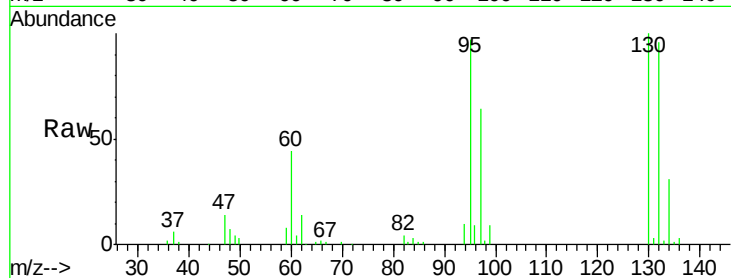
RE104D1-20200612

Tot Ion:130 Resp: 87628

Ion Ratio Lower Upper

130 100

95 97.5 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.80

40000

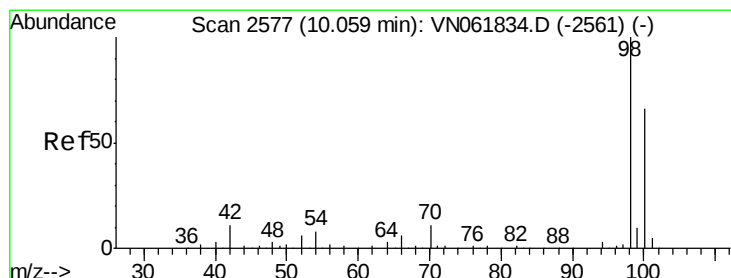
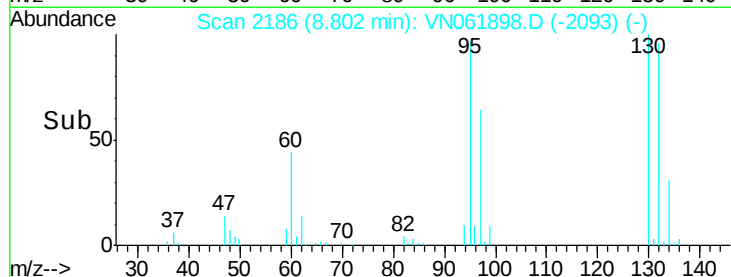
30000

20000

10000

0

Time--> 8.70 8.75 8.80 8.85 8.90



#50

Toluene-d8

Concen: 49.753 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061898.D

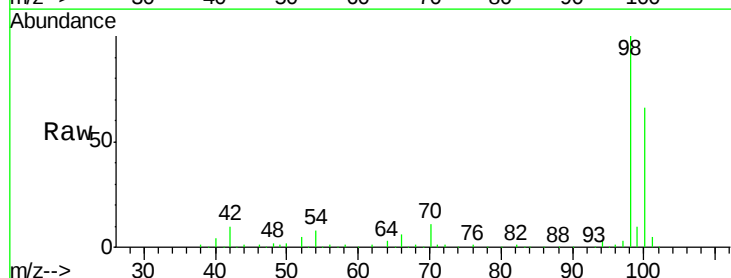
Acq: 18 Jun 2020 14:26

Tgt Ion: 98 Resp: 297228

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.06

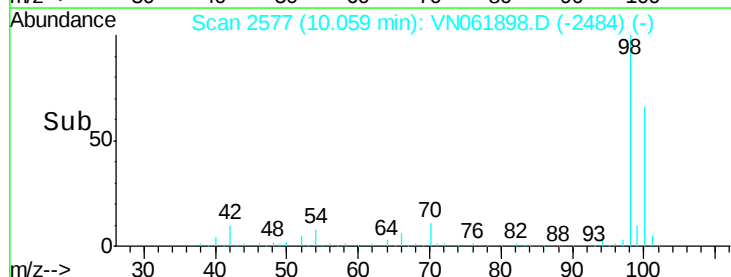
150000

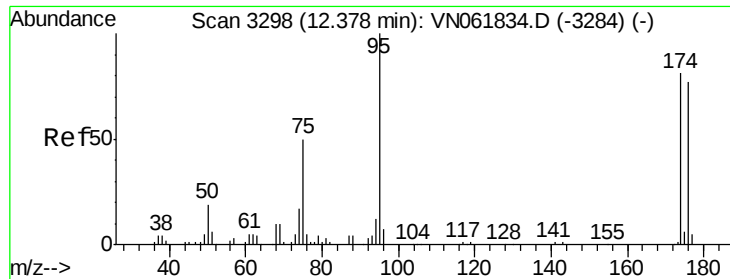
100000

50000

0

Time--> 10.00 10.10 10.20





#62

4-Bromofluorobenzene

Concen: 46.075 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061898.D

Acq: 18 Jun 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

RE104D1-20200612

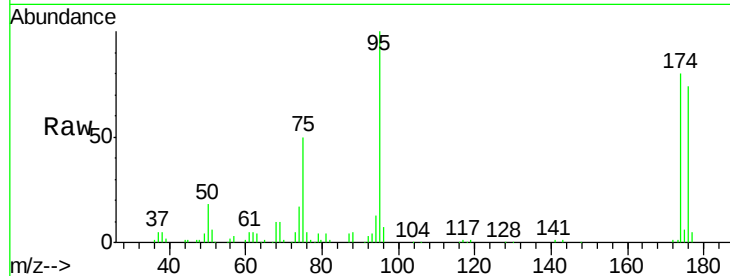
Tot Ion: 95 Resp: 94415

Ion Ratio Lower Upper

95 100

174 80.3 0.0 158.6

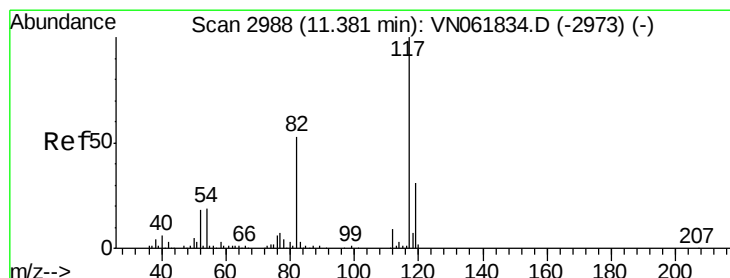
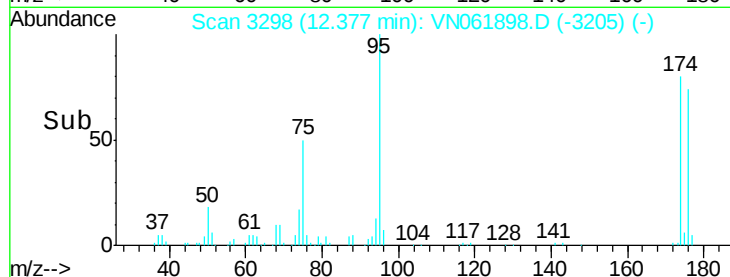
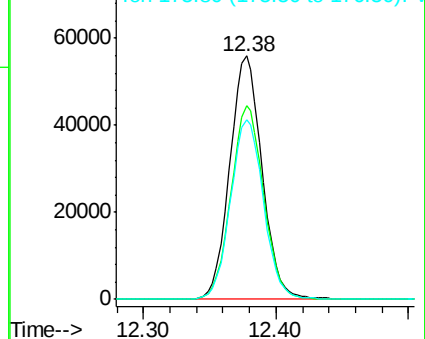
176 75.5 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061898.D

Acq: 18 Jun 2020 14:26

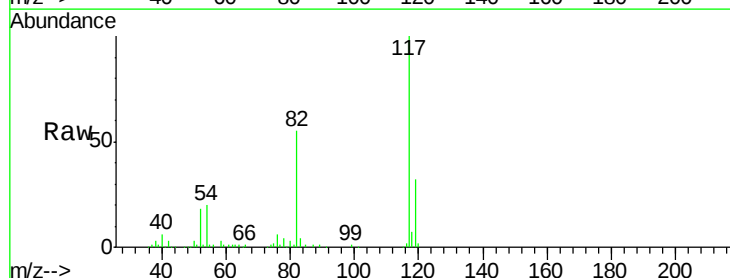
Tgt Ion: 117 Resp: 227565

Ion Ratio Lower Upper

117 100

82 54.5 42.6 64.0

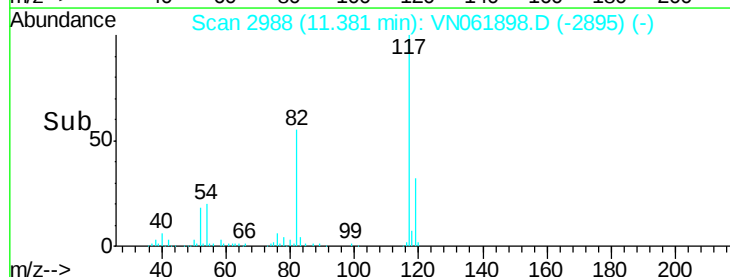
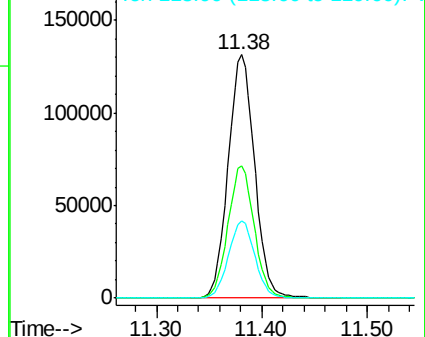
119 31.8 24.7 37.1

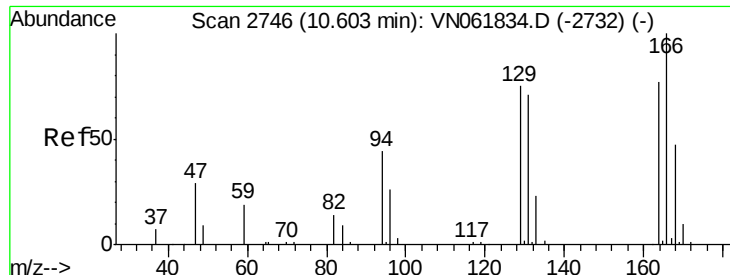


Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061834.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061834.D (-2973) (-)





#64

Tetrachloroethene

Concen: 3.072 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN061898.D

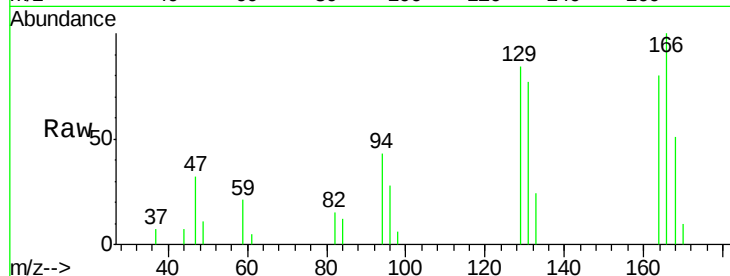
Acq: 18 Jun 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

RE104D1-20200612



Tot Ion:164 Resp: 4456

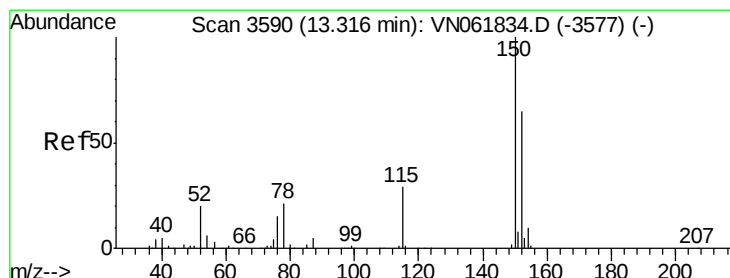
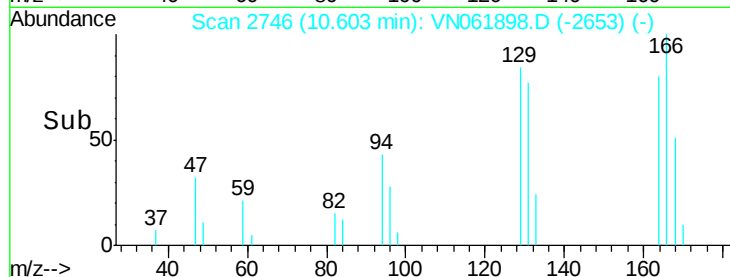
Ion Ratio Lower Upper

164 100

166 125.0 103.5 155.3

129 105.0 77.5 116.3

131 96.3 73.8 110.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061898.D

Acq: 18 Jun 2020 14:26

Tgt Ion:152 Resp: 83526

Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.3

150 158.2 0.0 347.6

